

Notice of Allowability	Application No.	Applicant(s)	
	09/700,684	MORIN ET AL.	
	Examiner	Art Unit	
	Timothy J Thompson	2873	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to an amendment filed on 12/16/03.
2. ☒ The allowed claim(s) is/are 25-51 and 55-59.
3. ☒ The drawings filed on 16 December 2003 are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☒ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
 - * Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---|---|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input checked="" type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date <u>02/2004</u> |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____ |

02/2004

DETAILED ACTION

Drawings

Drawings were received on 12/16/03 and are approved by the examiner.

Examiner's Amendment

Claims 52-54 have been canceled

Allowable Subject Matter

Claims 25-51, 55-59 are allowed.

The following is an examiner's statement of reasons for allowance: The prior art taken either singularity or in combination fails to anticipate or fairly suggest the limitations of the independent claim, in such a manner that a rejection under 35 U.S.C. 102 or 103 would be proper. The prior art fails to teach a combination of all the claimed features as presented in independent claims 25, 34, 36, 37, 40, 41, 42, 43, 45, 48, 51, 57, with the important feature being; the higher conductivity material is incorporated in the electrically conducting layer(claim 25); wherein the network comprises a plurality of conducting strips obtained by screen printing using a paste like suspension of a silver type metal and a low melting point frit in an organic binder(claim 34); screen printing the network onto a glass type carrier substrate to obtain a printed network, covering the screen printed network with the at least one electrically conducting layer in order to form the multicomponent electrode(claim 36); wherein the network has a plurality of conducting wires in the form of essentially metallic wires surface laid

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on a sheet having thermoplastic polymer(claim 37); wherein the network has fabric, a net or a metallic nonwoven material is a network surface laid on a sheet having thermoplastic polymer(claim 40); the network is obtained by etching or perforating a metallic layer or a metallic sheet(claim 41); the multicomponent electrode has at least one electrically conducting layer and at least one layer having a higher conductivity material in electrical contact(claim 42); at least one layer having dielectric material has an optical function, a function of anchoring the at least one layer having a higher conductivity material to the carrier substrate(claim 43); the sequence of the multicomponent electrode(claim 45); the exact structure of the multicomponent electrode(claim 48); a first electrically conducting layer, a film having a viologenic properties in the form of a polymer, of a gel or of a suspension in a liquid medium(claim 51); wherein the stack of functional layers is arranged between two substrates, each of which may be rigid, of glass. Therefore claims 25-51, 55-59 are allowed.

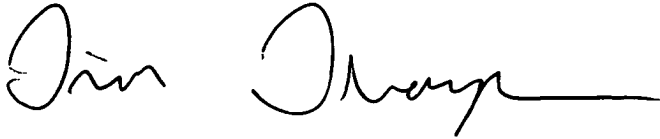
Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Timothy J. Thompson whose telephone

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number is (571) 272-2342. If the examiner can not be reached his supervisor,
Georgia Epps, can be reached on (571) 272-2328.

A handwritten signature in black ink, appearing to read "T.J.T.", with a long horizontal flourish extending to the right.

T.J.T.

2/17/04